



*Serving The Tippecanoe County
Community Since 1994*

TIPPECANOE COUNTY HEALTH DEPARTMENT
ANNUAL REPORT

2015

Dr. Jeremy Adler
Health Officer

Tippecanoe County Health Department

Our mission as the Tippecanoe County Health Department is to enhance the health and welfare of Tippecanoe County through public health education, promotion, prevention and the protection of public and environmental health.

Health Department Services

- **Vital Records**

Birth & Death Certificates
Adoptions
Paternity Affidavits
Registration of Home Births

- **Food Safety and Protection**

Food Handler Certification
Employee Health Controls
Controlling hands as a vehicle of contamination
Time and temperature parameters for controlling pathogens
Consumer advisory

- **Environmental Health Services**

Waste water disposal and treatment
Surface water pollution
Indoor air pollution & mold
Disposal of solid wastes
Rural housing / Meth complaints

- **Public Health Nursing**

Immunizations
ESF 8 Health & Medical Group Leader
Tuberculosis Intervention and Outreach
Communicable Disease Investigations
STD Intervention

- **WIC (Women, Infants, and Children) Program**

Breastfeeding support for new mothers
Food packages to infants, children and new mothers
Nutrition education classes
Referrals to other supporting resources

- **Emergency Preparedness**

NIMS Training
ESF 8 Health & Medical Group Leader
Action Plans/ policies for emergency situations

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MESSAGE FROM THE HEALTH OFFICER

2015 has been another busy and productive year for the Tippecanoe County Health Department.

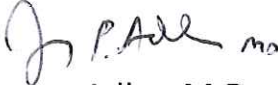
In addition to the numerous routine services provided by the department, we have been working diligently to address new community public health needs as they arise. We continually strive to improve and expand our services, increase our presence in the community, and work closely with community partners and the Indiana State Department of Health.



Our goal of becoming an accredited health department continues to move forward full steam ahead. Thanks to the hard work of Brianna Myers, Pauline Shen, and all department staff, we have officially applied for accreditation and will now begin submitting our documentation and prepare for an onsite review by the Public Health Accreditation Board in 2016.

The staff of the Tippecanoe County Health Department looks forward to another year of serving our great community. I consider myself very fortunate to have the opportunity to work with and learn from such a talented and dedicated group of professionals who live the mission of public health every day.

Respectfully,


Jeremy Adler, M.D.

MESSAGE FROM THE ADMINISTRATOR

Craig Rich, BS, REHS, became the Department Administrator in May of 2014. He is from Frankfort, IN and earned his B.S. in Entomology from Purdue University.



I feel that we, as a department made tremendous strides in 2015. The march towards accreditation, division, group and all staff meetings and our continued positive presence in the community were all promising accomplishments that we need to continue in the future.

None of these undertakings would be possible without our wonderful staff. Our Health Department has some of the finest and most committed individuals who understand and are passionate about Public Health. These attributes will suit the department positively as we face the ever changing challenges of performing the necessary duties of this Department.

And I would be remiss if I didn't thank Dr. Adler and the Board for their support and encouragement during this time of transition. As we move towards 2015 and beyond, I look forward to the challenges and rewards that Public Health generates.

I definitely look forward to working with our dedicated employees in the New Year and I hope that together we can make a positive change for this community.

Sincerely,


Craig Rich
Administrator

Board of Health

The Tippecanoe County Board of Health, established according to Indiana Code 16-20-2, is a board of seven members representing the cities of Lafayette, West Lafayette, and the County.

Board responsibilities as spelled out in Indiana Code 16-20 include the following actions:

- Submit annual budget
- Provide an equipped office facility
- Enter into contracts with the state health department and others
- Monitor that health laws, ordinances, rules and regulations are enforced
- Control communicable diseases
- Publish an annual report
- Appoint health officer

These actions allow the Board and Health Department staff to focus on the three core functions of public health, 1) assessment, 2) policy development and 3) assurance. Assessment provides a current view of the public health needs in the community. An ongoing assessment is foundational to determine public health needs of the county, to complete strategic planning and to take stock of the actions taken.

The second core function of public health, policy development, accelerates the path to optimal health for Tippecanoe County Residents. An example is the ordinance to regulate tattoo parlors, approved by the Tippecanoe County Commissions in June 2015, which was promulgated to reduce public health concerns by ensuring clean needles and safe practices in parlors.

Assurance is the third core function of public health. The Health Department does this through establishing effective community partnerships, preparing for national public health accreditation, tackling root causes of health problems, providing public health services, and constructing and supporting an infrastructure for local public health. You'll read more about work in each of these areas in the rest of this report.

Since much of the work of our local health department staff occurs in the background and goes unnoticed, the Tippecanoe County Board of Health would like to take this opportunity to acknowledge and thank Health Officer Dr. Jeremy Adler, Administrator Craig Rich, and the committed staff on the work they do every day to protect and improve the community's well-being.

Tippecanoe County Board of Health

Thomas Padgett, MD

Hsin-Yi Weng, BVM, MPH, PhD

John Thomas, MD

Pam Aaltonen, PhD, RN President

Thometra Foster

Kate Nail, RN

Karen Combs

Also pictured: Randy Vanderheide, Board Legal Counsel and
Jeremy Adler, MD Health Officer



2015

The Tippecanoe County Health Department has made great improvements in the year of 2015. We have developed new programs, completed the strategic planning process, hired new staff members, restructured divisions and managed several outbreaks.

During the month of February, our Nursing Division revised HIPAA Privacy Rules, controlled several possible outbreaks and an STD Clinic emerged.



Our Privacy Officer, Beth VanLaere, took on the challenge of organizing our HIPAA Privacy Policies and Procedures. She then generated training mechanisms in which all TCHD employees participated.

Due to the increased number of measles cases being reported in the United States in the beginning of 2015, the Tippecanoe County Health Department nursing division and emergency preparedness staff worked with community partners to ensure the county was prepared to handle measles. This included having meetings with local hospitals and other health care providers in the community. Also, the nursing division worked closely with school nurses to ensure that all school staff was protected by having two doses of the MMR vaccine.

This year our office was fortunate enough to have a Disease Intervention Specialist (DIS) from the Indiana State Department of Health. The DIS was housed at the 629 Building in the nursing division and this allowed her access to our clinic. She was able to build a fully

functioning STD clinic for our Tippecanoe County community. We now offer testing and treatment for several sexually transmitted diseases.

TCHD created a Performance Management Committee that developed a Performance Management System in April 2015. This committee was able to implement new performance evaluations for all employees. After much needed evaluation we have been able to find workforce competencies on which we can improve.

Our Mission Statement became a topic of interest this year. Ryan Tennesen, emergency preparedness coordinator, is very involved in our accreditation efforts helped update our TCHD Mission Statement. You can find our new mission on page one of this report.



the 629 location team.

In Vital Records this year a case in Vanderburgh County, IN attracted the Supreme Court's attention. The Indiana Supreme Court has ruled that causes of death are public records and must be available at county levels. This meant more customers and new policies for the TCHD Vital Records Division.

June, July and August were energetic months for all divisions; the Foods Division took on about 75 pool openings for the summer, Vital Records saw over 2,000 birth certificate requests for back to school registration, the nursing division saw over 800 patients and our environmental division saw a significant increase in septic permits. Through this time we were grateful to add a new public health nurse, Jeannette and a new registrar, Ashley to



In September, the nursing division was awarded an adult immunization grant from Indiana State Department of Health to begin in 2016. This grant will allow us to increase the awareness of adult immunizations in the community. Through this grant Tippecanoe County Health Department will build a stronger adult immunization program while striving for stronger, healthier adults in the community. We will strengthen and build community partnerships, media relation, and plan activities with the objective to expand awareness and education on the subject of adult immunizations. Our efforts will increase the awareness and the importance of adult immunizations for our patients and community healthcare providers'.

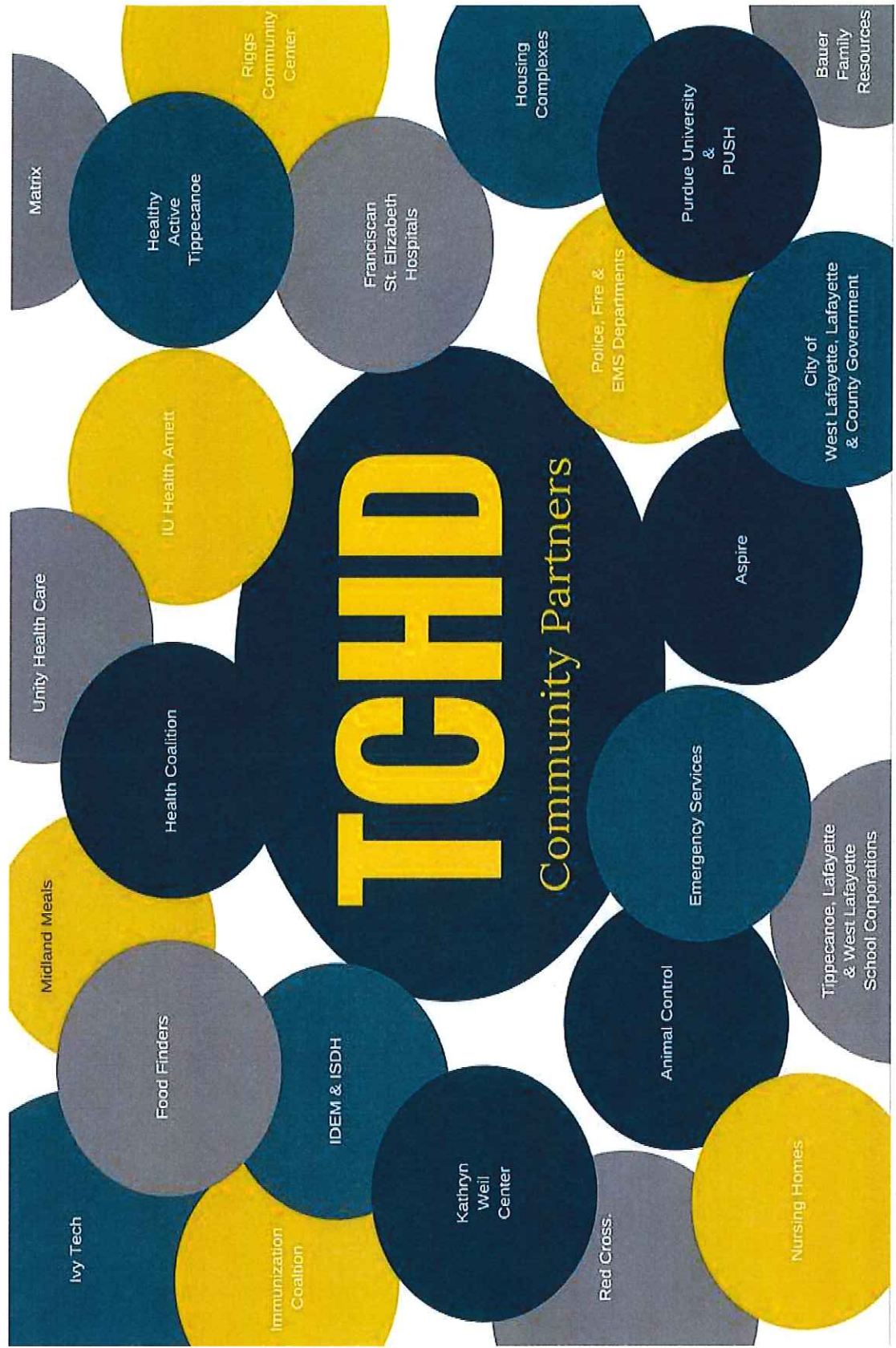
We have successfully taken part in a new department-wide program, NERV, **N**ursing, **E**nvironmental, **R**ceipts and **V**ital Records. This web based program will encompass all aspects of the health department documentation into one large database. The foods division has been waiting especially as it will be an interactive program for them on tablet devices and will be used at the Food Establishment Inspection. This improvement not only provides the inspectors with a more user friendly program, but a more efficient service for the food establishments.



2015 was concluded with the Tippecanoe County Health Department's 2nd Annual All-Staff Meeting. The meeting was held at Ross Camp A-Frame and we hosted several speakers; Rachel Russell, Director of Legal Affairs at the Indiana State Department of Health, Linda Horton, Customer Service Training, along with Brian Cook and Allan Nail from the Tippecanoe County Parks Department. The meeting also allowed time for accreditation questions, a team building lunch and a fun ugly sweater contest.



Community Partners

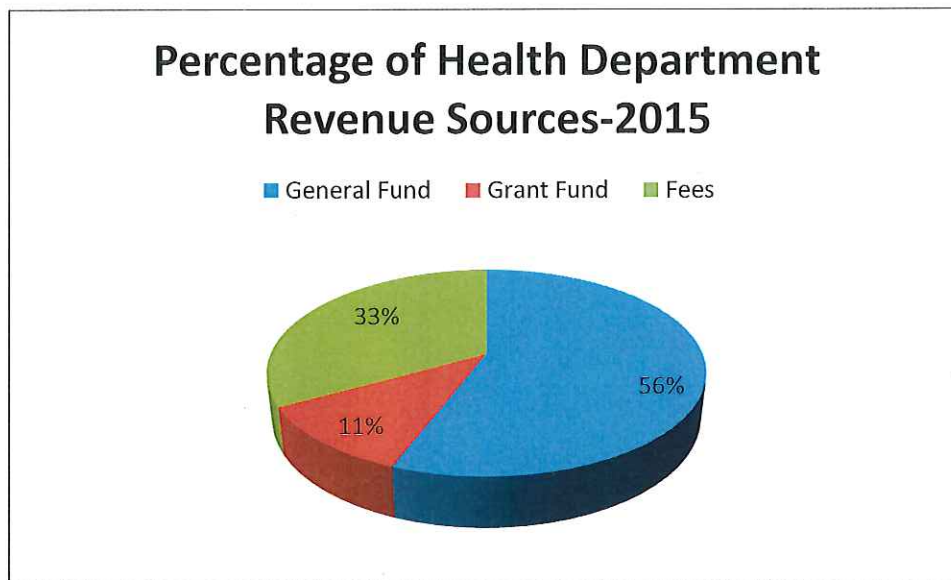
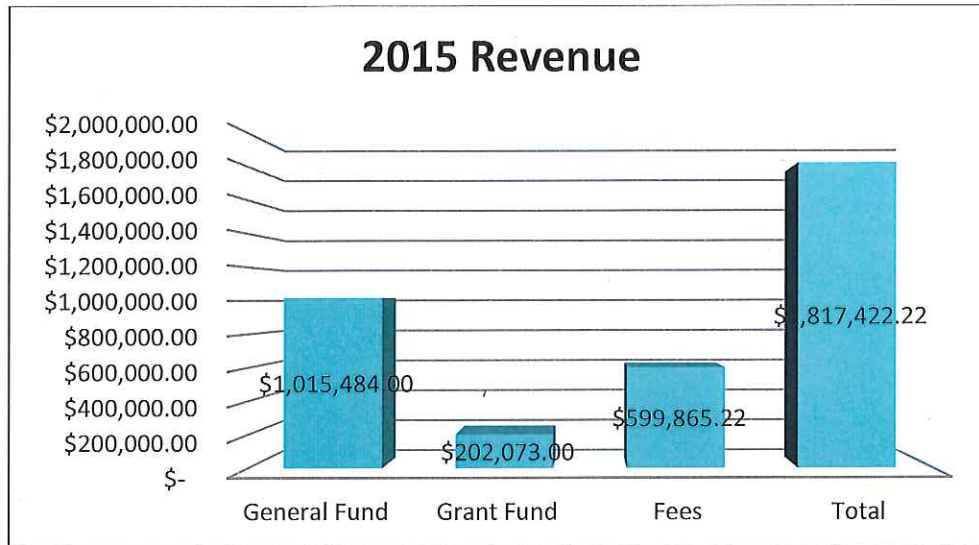




Division Reports

Financial Statement

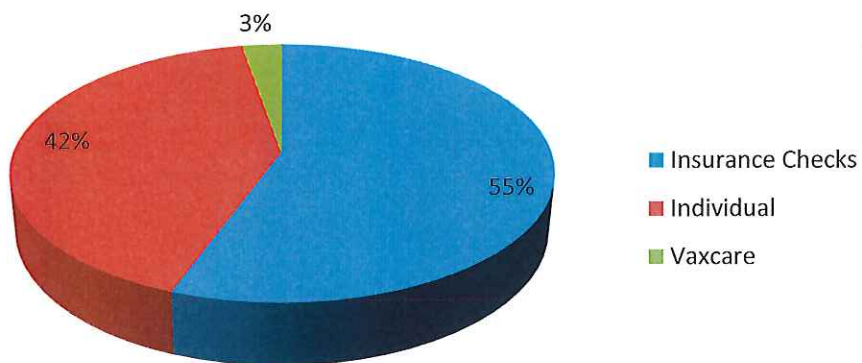
The graphs below provide a representation of the revenue the Health Department brought in from grants, general fund, and fees in 2015.



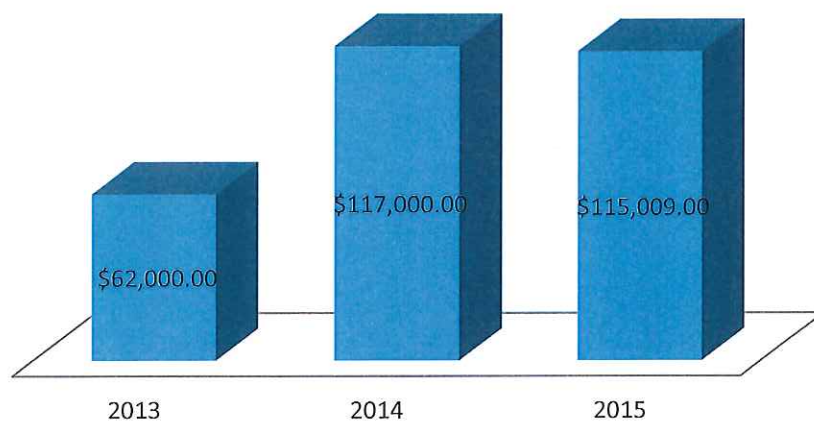
Financial Continued

The graphs below provide a representation of the revenue the Health Department brought in from vaccinations in 2015.

2015 Vaccination Revenue Sources



Vaccination Revenue Per Year



Social Media

Social Media has become a significant resource the Tippecanoe County Health Department uses to reach the public. We have been able to share information for public health outbreaks, emergencies, community projects and health department closings. This year we have reached 223 likes, which means every time we post on our page, 223 people in the community receive our message. If those 223 people like our post then all of their friends see our page as well.

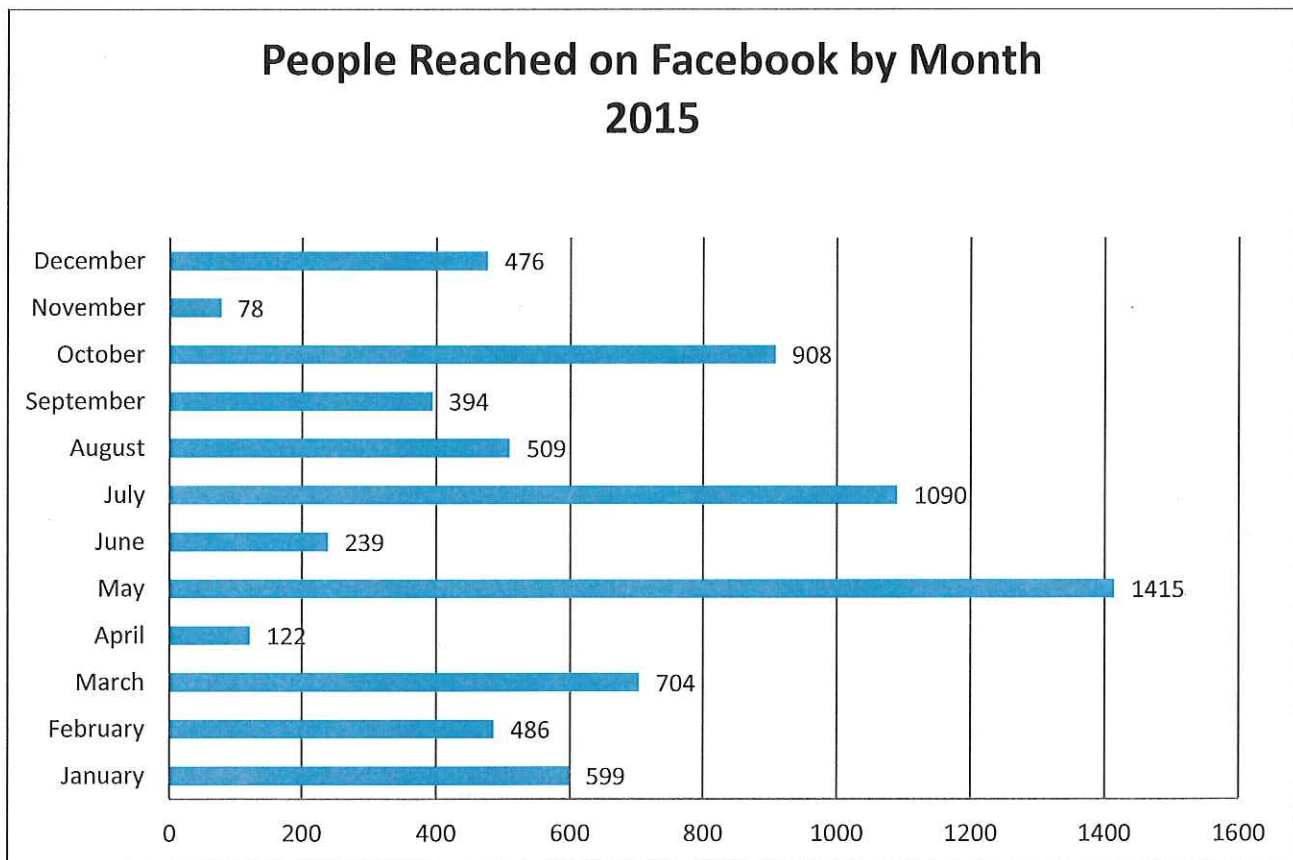
TCHD now has a twitter account @tippyhealthdept. We are currently working to improve this social media resource to have more followers.

Facebook Page:

<https://www.facebook.com/TippecanoeCountyHealth>

Twitter:

<https://twitter.com/tippyhealthdept>



ACCREDITATION

National Local Health Department Accreditation through PHAB, Public Health Accreditation Board, is becoming a reality for TCHD. We applied for Accreditation December 22, 2015.



Accreditation Coordinators

Brianna Myers

&

Pauline Shen

Strategic Plan 2015-2020

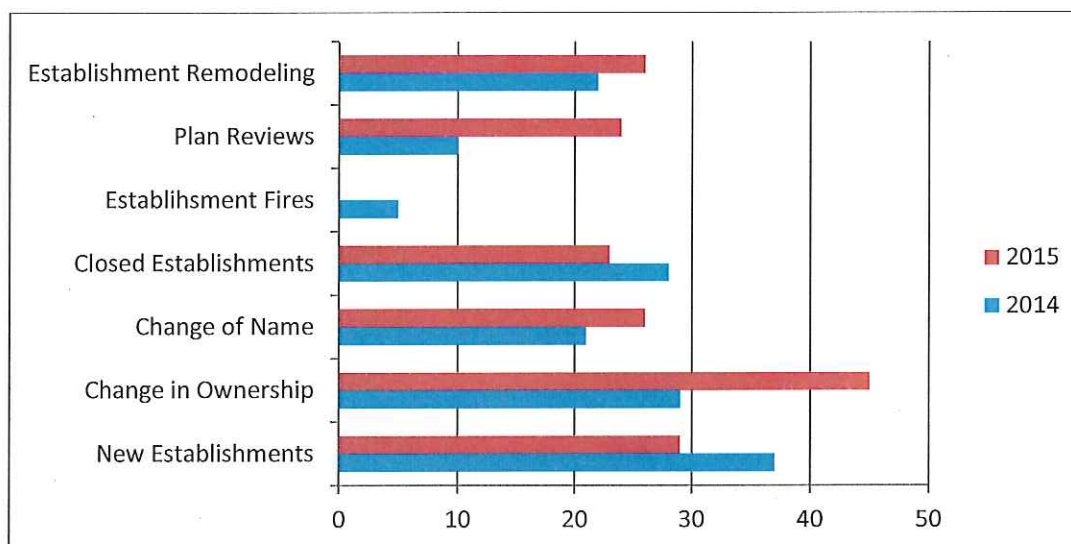
Goals:

1. Increased Community Outreach
2. Increased Funding
3. Better Communication
4. Competitive Salaries for employees
5. Cross Training/ Education
6. On Location for TCHD



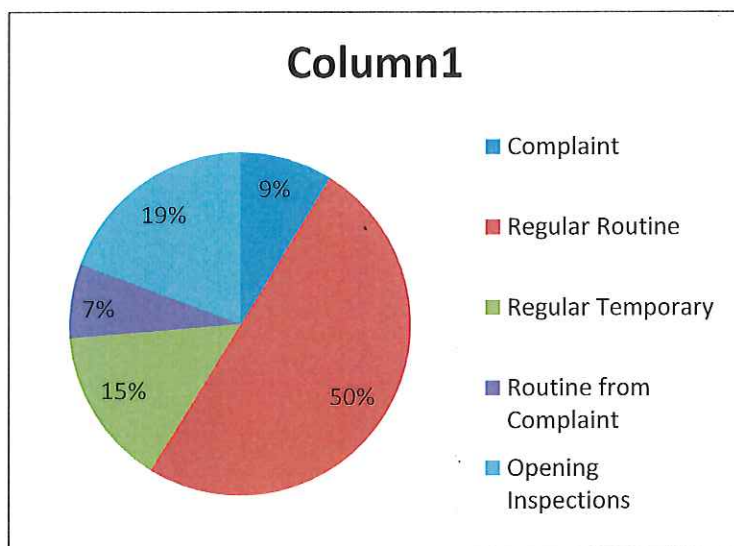
Food Division

The Foods Division surveys all of The Tippecanoe County area restaurants, mobile units, festivals and temporary events. Tippecanoe County has over 700 restaurants to inspect twice a year and provide surveillance for complaints, fires and new establishments.



The Foods Division meets monthly to discuss happenings with establishments in the county.

2016 Goals



Goal 1: Restructure the foods division and hire a food service coordinator to improve internal and external processes as well as communication.

Goal 2: Improve relationships with foods establishment owners by offering training and improved communication.

Goal 3: Potentially offer a Foods Newsletter produced by TCHD for all food establishments in Tippecanoe County, with resources and information.

Environmental Division

Methamphetamine



In 2015, the Environmental Division received 41 Indiana State Police Methamphetamine Laboratory Occurrence Reports. This number is elevated from all of the previous years. Since 2008, the Health Department has received a total of 188 Occurrence Reports. As of December 31, 2015 there are 7 homes in need of remediation.

The Indiana State Police have been working to improve the website and all of its functions. The following are the guidelines for Clandestine Labs placement on the website.

Clandestine Labs listed on this website fit the following criteria:

- At least 180 days have passed since the seizure of the lab by law enforcement, if the address is a "property" as defined by IC 5-2-6-19(b);
- Locations not defined as "property" will be listed approximately 30 days after the seizure of the lab;
- It has been no more than 90 days since the approval of the Qualified Inspector's Certificate of Illegal Drug Lab Cleanup (form 53276) received from IDEM;
- The lab was reported to the Indiana State Police (ISP) either through an ISP criminal incident report or via EPIC 143 report submission by another police agency;
 - The lab was seized January 1, 2007, or after.

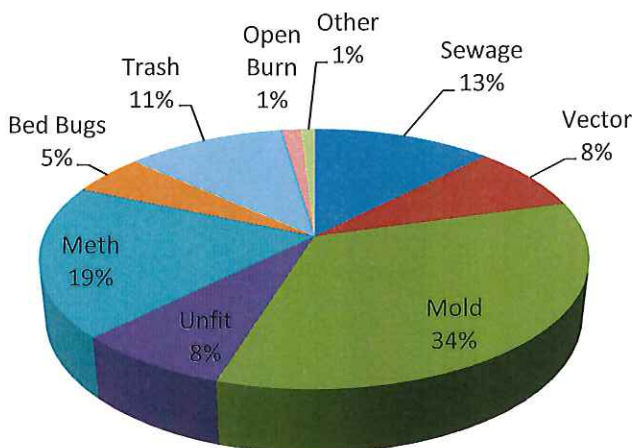
Clandestine labs not listed on this website may fit the following criteria:

- The lab was not reported to the Indiana State Police;
 - The report has not been reviewed by the ISP;
- It has not been 180 days since the seizure of the lab on a "property" as defined by IC 5-2-6-19(b);
- A "property" was certified clean by submission of form 53276 to IDEM and the ISP prior to the initial 180 day wait period expiring;
 - The lab was seized December 31, 2006, or before.

Environmental Concerns

In 2015, the Health Department received 74 complaints of mold in homes. Many of these complaints were followed up with testing after a physician's recommendation was given to the Health Department. The Health Department will request an indoor air evaluation, to be performed by The Indiana State Department of Health Industrial Hygienist, after receiving a physician's request. The Hygienist will test the air quality for fungal and bacteria counts, carbon dioxide levels, relative humidity, and temperature. A

report will be generated and sent to the Health Department and person who made the complaint.



2015 Complaints by Type

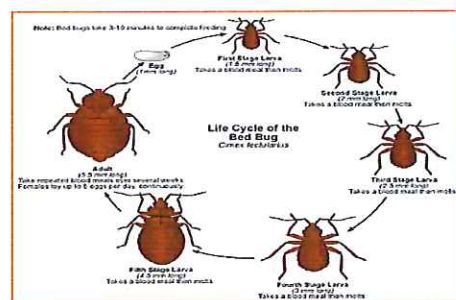
In the State of Indiana, there are no limits established as an acceptable concentration of fungal count indoors. The State has guidelines that recommend fewer counts indoors than outdoors.

The chart above is a guide to the 217 environmental complaints received by the Health Department in 2015. The bed bugs category has been separated out to see the importance in the rising complaints of this health concern.

Bed bugs have made a comeback since the 1990s and are now a common pest in the United States. The steady increase in the percentage of bed bug inquiries made to the National Pesticide Information Center (NPIC) over the past decade indicates that public awareness and concerns about bed bugs are on the rise. Bed bugs are unique. They are blood-feeding human ectoparasites that impact public health in many ways and are considered one of the most difficult pests to control in buildings.

Bed bugs are not known to spread disease, but their bites can sometimes cause painful reactions in sensitive individuals. Some people may have mild to severe allergic reactions to the bites and scratching these bites can lead to secondary infections of the skin. Others may suffer from loss of sleep and anxiety, which may lead to exacerbate existing mental health problems. Out of desperation, some people may misuse pesticides or try dangerous methods to control bedbugs that can have negative human health and environmental effects. Pesticide contamination can render buildings uninhabitable. EPA and CDC issued a joint statement in 2010 that reaffirmed that bed bugs are a public health pest.

Some bed bug populations have become resistant to many pesticides commonly used in homes. Bed bugs also hide in cracks and crevices where many in-home products do not reach them. Effective control efforts therefore need to include a variety of non-chemical tactics. Considering the effect bed bugs have on public health and the challenges associated with their control it will take a coordinated group effort to address bed bug infestations in a community. The Health Department will keep assessing this environmental concern in the future.

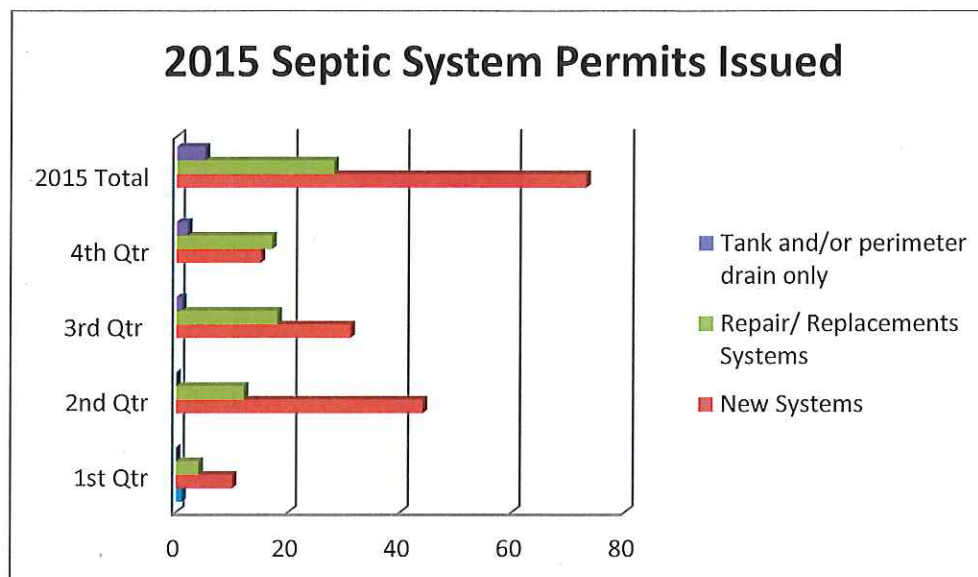


Sources:

- Property Information Records Software,
- <https://extension.entm.purdue.edu/publichealth/insects/bedbug.html>
- <http://www.cdc.gov/parasites/bedbugs/>

Sewage Systems

The environmental division oversees the permitting and inspection of residential and commercial on-site sewage disposal systems or septic systems. The chart below outlines the type of permits issued in 2015. There were a total of 106 permits issued.



Environmental Health Goals for 2016

Research and review the certification and testing of a program to regulate on-site sewage disposal system installers who complete new and repair/replacements sewage disposal systems in Tippecanoe County.

Research and review other community's bed bug ordinances and make an assessment to accommodate the needs of Tippecanoe County. Monitor and educate the community on bed bug infestations to enhance the health and safety of residents in Tippecanoe County.

EMERGENCY PREPAREDNESS

Throughout 2015 the daily operational functions of the Emergency Preparedness Division were performed by a full-time Emergency Preparedness Coordinator, a part-time Assistant Emergency Preparedness Coordinator and a part-time Medical Reserve Corps Coordinator. Personnel in 2015 consisted of: Mr. Ryan Tennesen, Emergency Preparedness Coordinator; Janae Meyers, Assistant Emergency Preparedness Coordinator; Blair McDaniel, Medical Reserve Corps Coordinator (February - May); Phanlada Chantha-Hill Medical Reserve Corps Coordinator (June - August) and Hannah Shields, Medical Reserve Corps Coordinator.

In 2015 the Emergency Preparedness Division was extremely occupied with Ebola/Communicable Disease planning and preparation. The Emergency Preparedness Coordinator and Assistant Emergency Preparedness Coordinator prepared the Tippecanoe County Health Department Command and General Staff for their roles and responsibilities in the event of Ebola/Communicable Disease. The Emergency Preparedness Coordinator also led community preparedness planning and preparation efforts for Ebola/Communicable Disease. Community preparedness planning for Ebola/Communicable Disease occurred over the course of several planning meetings with the Tippecanoe County Health and Medical Coalition. At one of the meetings an Ebola/Communicable Disease Tabletop Exercise was conducted to discuss information and test procedures related to an Ebola/Communicable Disease Response as well as to identify any remaining planning gaps. As a direct result of the meetings and the tabletop exercise, the Emergency Preparedness Coordinator and Assistant Emergency Preparedness Coordinator quickly developed an Ebola Hazard Annex to document written information and procedures specifically pertaining to a response to Ebola. The Ebola Hazard Annex was subsequently adopted as the county-wide plan for Ebola and distributed to all organizations that participate in the Tippecanoe County Health and Medical Coalition. Specific preparation for Ebola/Communicable Disease also involved purchasing necessary supplies and equipment. The Emergency Preparedness Coordinator in partnership with Tippecanoe County Emergency Management Director utilized emergency funding generously provided by the Tippecanoe County Commissioners to immediately purchase a small stockpile of personal protective equipment (e.g., gloves, face shields, protective suits, N95 respirators, etc...) for county-wide use for Ebola/Communicable Disease. A couple months later, the Indiana State Department of Health (ISDH) also provided funding to the Tippecanoe County Health Department. The Emergency Preparedness Coordinator utilized the ISDH funding to purchase a portable military grade DRASH MX5 Series Shelter and additional personal protective equipment for county-wide use for Ebola/Communicable Disease. Due to the efforts of the Emergency Preparedness Division's Emergency Preparedness Coordinator and Assistant Emergency Preparedness Coordinator the Tippecanoe County Health Department and Tippecanoe County is better prepared and equipped to respond to Ebola/Communicable Disease.

Over the course of 2015 an All-Hazards Emergency Operations Plan (EOP) was developed by the Emergency Preparedness Coordinator while the Assistant Emergency Preparedness Coordinator developed the accompanying Functional Annexes. This was done to further prepare the department for all-hazards emergencies and to meet required standard for the accreditation process.

Also in 2015 the Assistant Preparedness Coordinator completed all Emergency Preparedness Grant deliverables for Fiscal Year (July 2014-June 2015). Deliverables were aimed at further

development of department's emergency capabilities to include: Community Recovery, Mass Care and Responder Safety and Health. Further, the Assistant Preparedness Coordinator also assisted the Emergency Preparedness Coordinator with completion of a few Emergency Preparedness Grant deliverables for Fiscal Year (July 2015-June 2016).

Both of the Medical Reserve Corps Coordinators made great strides in 2015 to further develop the Tippecanoe County Medical Reserve Corps (TCMRC). Efforts undertaken by the Coordinators to further develop the TCMRC included: modification of the Volunteer Functional Annex, development of a Volunteer Handbook, development of a Brochure, continuation of the TCMRC training and exercise partnership with Ivy Tech Nursing Department, recruitment at medical facilities and maintenance of the National Medical Reserve Corps Webpage (updated volunteer numbers and factors for success). A unique project of the TCMRC involved the provision of winter warm-up kits(below) to a local homeless shelter in December of 2015.



IMMUNIZATION DIVISION

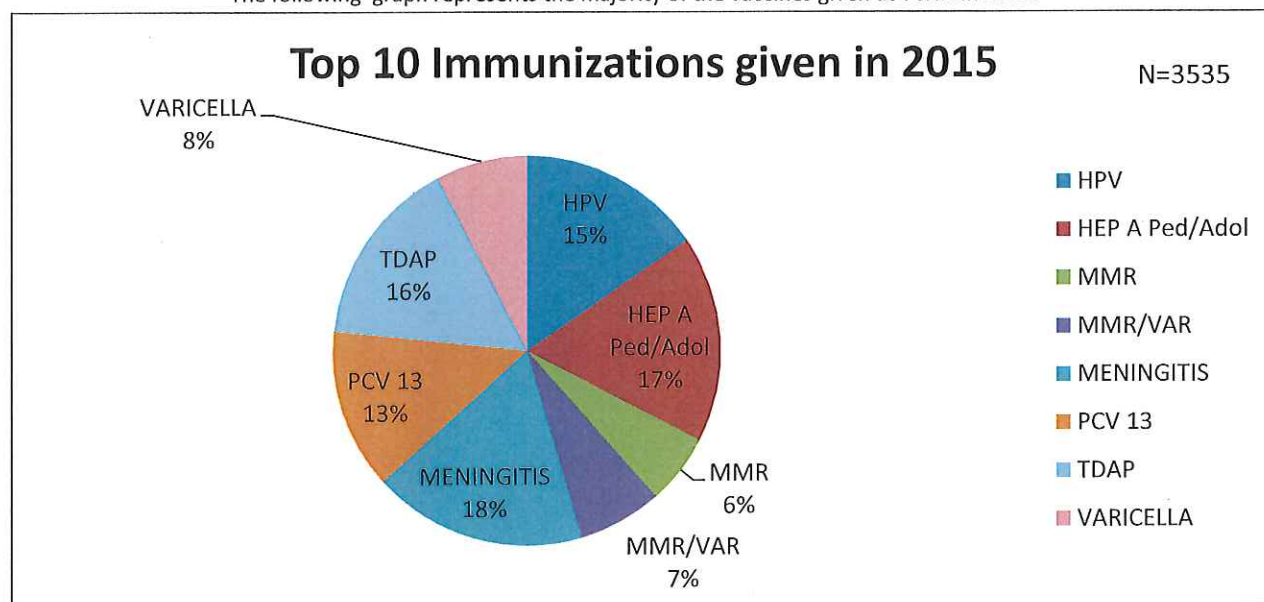
Tippecanoe County Health Department (TCHD) provides immunization to all ages in the community. Immunizations protect patients from vaccine preventable diseases. Immunization services are provided by appointment only. TCHD nurses work closely with local school nurses to ensure that students have the immunizations required to attend school. In 2015, TCHD had two school clinics with Lafayette School Corporation to help increase the number of children who meet the immunization requirement. TCHD also hosted an immunization clinic in a poverty stricken neighborhood to help ensure that those children are vaccinated because the parents may not have a way to transport their children to the health department. In 2015, TCHD nurses administered 5,918 immunizations and had 2,890 visits.



2016 Goals:

- In 2016, TCHD will be working to increase the number of adults in Tippecanoe County who are up to date on immunizations. We are planning on having educational events in the community to help promote adult vaccines and then hold clinics for them to come in and receive the needed vaccines.
- TCHD will also be launching a travel clinic in 2016. This will not only help us bring in more revenue, but also be another option for those needing low cost travel immunizations.

The following graph represents the majority of the vaccines given at TCHD in 2015.

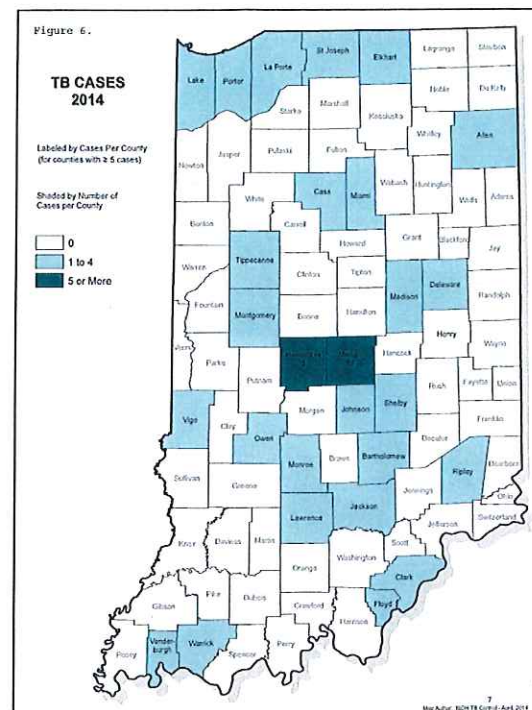


TUBERCULOSIS PROGRAM

Tuberculosis (TB) is a bacterial infection caused by the bacteria, *Mycobacterium tuberculosis*. TB can occur anywhere in the body, but pulmonary TB is considered a communicable and reportable disease. December 25, 2015 Latent TB infection (LTBI) became a reportable disease. It is the goal of Tippecanoe County Health Department to inform providers, hospitals, clinics and urgent care facilities of this new reportable disease. Preventing tuberculosis by treating latent TB infection is a cornerstone of the U. S. strategy for TB elimination. The Tippecanoe County Health Department's (TCHD) TB program investigates and manages all cases of pulmonary TB. In 2015, the TCHD investigated 8 suspected cases of active TB, and 4 diagnoses of active TB. Treatment of active pulmonary TB disease consists of directly observed therapy, (DOT) in which the public health nurse observes the patient take the medication, for optimum medication management, results and compliance.

In 2015, there were 207 latent TB infections identified in the county, with a majority of them from Purdue University's international student population (187). Latent TB infection treatment is offered to all patients with a positive TB skin test (TST) or a positive IGRA, a blood test (QFT or T-Spot), a negative chest x-ray showing no active infection and no symptoms of active disease. This means the patient has the tuberculosis bacteria detected in his or her body but it is lying dormant and is not infectious. The health department conducts a chest clinic monthly to treat latent TB infected patients in the community and has restarted twice monthly clinics at Purdue University Student Health (PUSH). The health department also monitors all cases of active TB in the county. There were 5 active cases in 2015.

Goal: The Tippecanoe County Health Department will contact providers, hospitals, and urgent care facilities of the new LTBI reportable paperwork, educate and be a resource to facilitate compliance.



COMMUNICABLE DISEASE PROGRAM

Tippecanoe County Health Department Nursing Division provides case management and follow-up on all reportable communicable diseases and outbreaks. According to Indiana Administrative Code 410 IAC 1-2.3-49 (2)(b) the local health department in the jurisdiction where the patient is a resident is responsible for instituting control measures and performing any epidemiological investigation required in a reasonable timeframe.

All reportable diseases must be reported to the local health department where the patient is a resident. Some communicable diseases must be reported immediately, all others are to be reported within 72 hours. Reports can be submitted via fax on a Communicable Disease Reporting Form or electronically through the Indiana National Electronic Database Surveillance System.

Reportable Communicable Disease	2015 Confirmed Cases [^]	2014 Confirmed Cases [^]	2015 Case Investigations Completed ^{*^}	2014 Case Investigations Completed ^{*^}
Animal Bites	222	276	224	279
Campylobacter	7	14	9	16
Cryptosporidiosis				5
Giardiasis	5	5	5	6
Hepatitis A			6	7
Hepatitis B		7	24	44
Hepatitis C	52 with 74 pending as of Jan 4, 2016	48	181	85
Influenza Associated Death	5	5	5	5
Lyme Disease			14	10
Salmonella	8	15	8	21
Shigella	14		20	
Shiga-toxin producing e.coli (0157 +others)				5
Invasive Strep A		10		10
Invasive Strep B	5		6	
Strep Pneumoniae		8	6	8
Varicella				7

* Includes cases deemed unknown, suspect, probable. However, investigations must be initiated in order to make the final status determination. ^ For patient privacy, investigated and confirmed cases of any disease are not publicly reported if the total is less than 5.

2016 Communicable Disease Goal

- In 2016 Tippecanoe County Health Department will continue to encourage, educate and update all entities that are required to report communicable disease diagnoses (and suspicion of communicable disease where required).
- Epidemiologic monitoring of communicable diseases will continue to be utilized to recognize increasing case numbers, commonalities between cases and other indicators of possible disease outbreak. Recognized changes will immediately be reported to and discussed with the appropriate Indiana State Department of Health epidemiologist.

LEAD POISONING AND PREVENTION PROGRAM

Lead Poisoning - Prevention and Case Management

Lead testing is conducted at Tippecanoe County Health Department free of charge. Lead testing is part of our routine immunization schedule and is performed at age 15 months. Additionally, any child under age 7 who has never been tested or is at risk for lead poisoning can be tested by appointment or at our lead testing walk-in clinic, available on the 2nd Monday of each month from 9-12pm.

Lead Testing in the Community

Tippecanoe County Health Department has teamed up with Purdue School of Nursing to offer free lead testing to children at the bi-annual Child Wellness Day Event. This event originated in April 2011 and Tippecanoe County Health Department has been offering lead testing at the event since October 2011.

Bauer Head Start is a prominent child development program in our community. Bauer Head Start requires newly accepted children to complete a lead and hemoglobin test as part of their entrance physical. Tippecanoe County Health Department, WIC, and Bauer Head Start work together to offer free lead and hemoglobin testing 1-2 times each year. The purpose of this partnership is to offer testing the children need in a single location at times that better fit parents' schedules.

Lead Screening Data	2015	2014
# of children that received case management services	6	3
Total Tests Performed	149	119
Elevated lead levels reported by private physicians (> or equal to 5mcg/dL)	67	78
Level 0-4.9 mcg/dL	147	109
Level 5-9.9 mcg/dL *requires follow up testing in 6 months and educational materials but not case management	54	7
Level 10-19.9 mcg/dL	10	3
Level 20 mcg/dL and above	5	0
Home Visits	4	1

2016 Lead Poisoning and Prevention Program Goal

In 2016 educational packets will be sent to administrators and teachers of kindergarten and 1st grades in all three Tippecanoe County school districts as well as local private schools. These packets will explain the impact of lead poisoning on children and the importance of testing. The goal of the education campaign will be to reach parents and teachers, outlining the dangers of lead poisoning and how to prevent it.

Testing will be provided at Tippecanoe County Health Department by appointment or during a specified walk-in time.

Vital Records

The Vital Records Division of the Tippecanoe County Health Department strives to document, process and protect all birth and death records in Tippecanoe County with efficiency and accuracy.

2015 Goals

Outcome 1: Data collection has begun on teen pregnancies in Tippecanoe County. This data will be review and compared to the 2016 data in each quarterly board report.

Goal 1: Provide quarterly reports to the Board of Health on teen pregnancy data.

Outcome 2: All paper records from 2002 to present are scanned and entered into the Chronica Database.

Goal 2: Scan and enter all birth records from 2002-2005 into the Chronica Database by the end of 2015.

Outcome 3: A new Vital Records Policies and Procedures Manual is available with the TCHD Vital Records Division.

Goal 3: Document and implement new policies and procedures for vital records.

2016 Goals

- Use the NERV Program as the primary database for processing all birth and death records.
- Find a new location for the Vital Records Department by 2017.
- Implement the new Tippecanoe County Government Website for all customers to process birth and death certificate requests online.

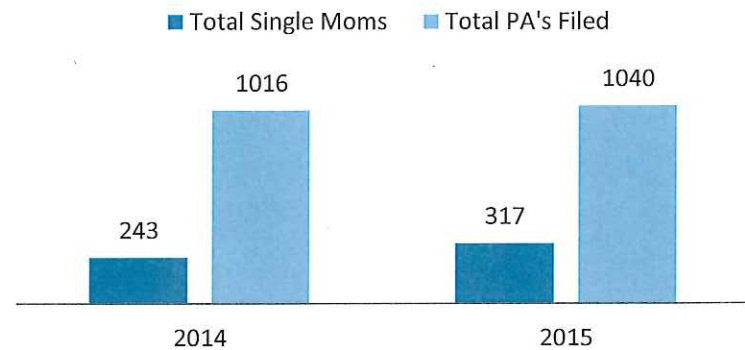


Birth Statistics

Birth Stats	2014	2015
Total Births	3398	3591
% Of Certificates Issued for New Births	56%	67%
Legitimate Births	2139	2234
Illegitimate Births	1259	1357
Teen Pregnancies (11-19yo)	205	227
Teen Pregnancies- Married	25	26
Teen Pregnancies- PA Filed	136	148
Single Teen Moms	44	53
Total Single Moms	243	317
Total PA's Filed	1016	1040

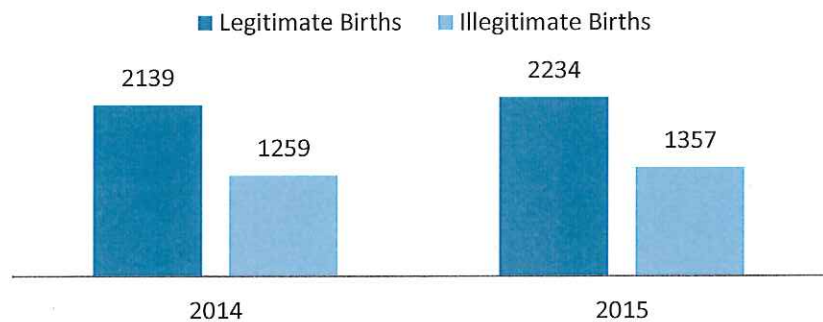
Single Mother vs. Paternity Affidavit Filed

2014 = 3398
2015 = 3591



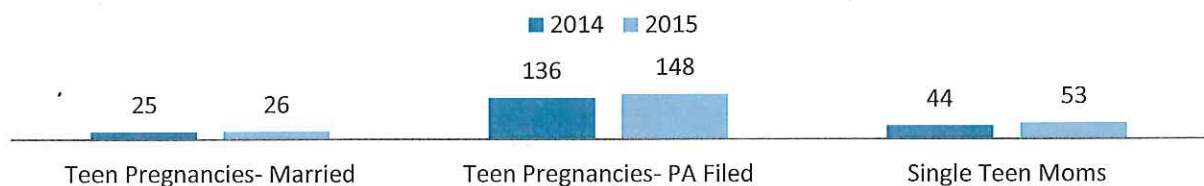
Married Parents vs. Non-Married Parents

2014 = 3398
2015 = 3591



Teen Pregnancies (11-19yo)

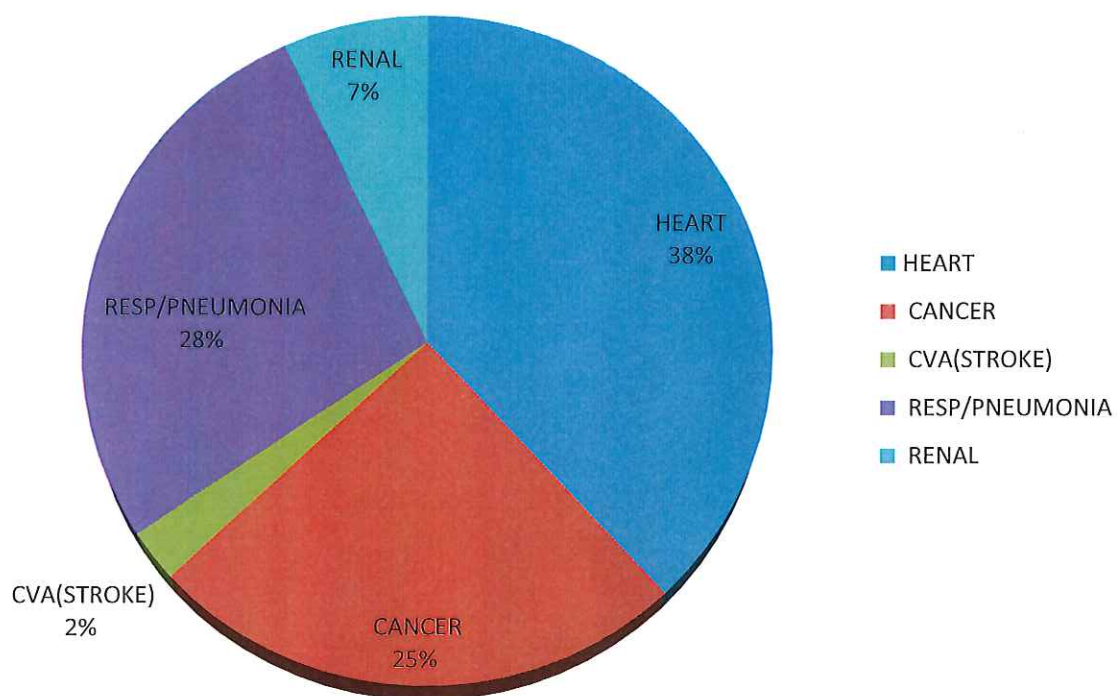
2014 = 205
2015 = 227



Death Statistics

The graph below displays the top 5 causes of death for 2015. The total death certificates filed in 2015 was 1, 452 with several coroner's cases still pending.

Top Five Causes of Death 2015



EPIDEMIOLOGY

After a multitude of meetings with social services, health care organizations and Healthy Active Tippecanoe members; Pauline Shen, our Epidemiologist, has developed the 2016 Community Health Needs Assessment (CHNA). To complete this assessment a community needs assessment survey was done in collaboration with Franciscan Alliance Hospital St. Elizabeth, Health Active Tippecanoe, Riggs Community Health Center and Unity Healthcare. The survey will serve as another snapshot in time of how our community is fulfilling the 2015 Community Health Improvement Plan (CHIP).

In conjunction with the data collection; The Tippecanoe County Health Department has established a long time partnership with the Marion County Health Department as we setup the Syndromic Surveillance Grant and passed Ordinance No. 2015-12- CM Health Data Collection. This will bring more data to TCHD such as reasons for ER admittance.

HEALTH OUTREACH

Community Health Outreach is another huge part of our Epidemiology Division. Throughout the year we participate in several happenings within the community. These projects range from feeding and tutoring at section 8 housing to providing immunizations to the public school systems in Tippecanoe County.



One of the many programs is Glen Acres' fitness night; the health department participated with our smoothie bike. The bike has been making its rounds among teachers at Glen Acres and Murdock. It is a great tool to teach students the physical activity necessary to burn calories. At the same time it show the nutritious fruits and veggies that can be made easily, and taste good! It is a huge hit with the kids! We also brought the smoothie bike to the IU Health Fair in May.

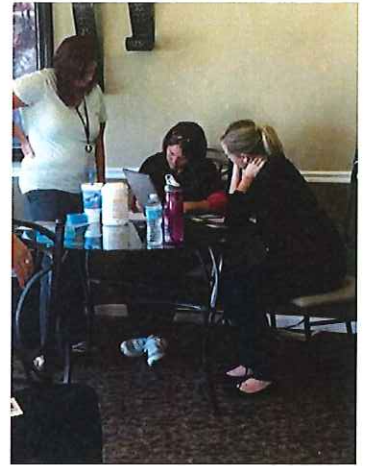
For the 2nd year, Pauline organized a summer feeding program with the complexes in the Windermere subdivision. This includes briarwood (Section 8 Housing) Deerfield commons (Market & Section 42) Brampton and Windermere apartments. The goal of the feeding program is providing lunches Monday-Friday for 10 weeks while building a relationship for a tutoring program. Head UP 2.0, the tutoring program, is held during the school year, Heads up 2.0 at the same facility for these at risk children. Heads up at Briarwood helps children that are residents of briarwood in LSC schools; Miami, Sunnyside, Tecumseh with their school homework and reinforcing the learning from school. The depth of this program goes beyond lunches and tutoring as it also gives the children a sense of consistency and stability in which they lack at home.



Body Mass Index Surveillance with the 7th grades at Tecumseh middle school is another interesting piece of data that Pauline was able to collect. The data is collected anonymously from the students. It is followed by a healthy snack and a talk from Pauline on the dangers of energy drinks, amount of sleep required for teenagers, and their daily requirements of fruits and vegetables.

As Pauline makes these strong relationships with the schools it makes our jobs easier when it comes to offsite immunization clinics. In 2015, TCHD was able to host on-site "Back to School" Immunization Clinics at Sunnyside elementary and Claystone Apartments while the students were registering for school.

Pauline also attends Health Coalition Meetings every other month. She belongs to the Nutrition subcommittee of the Health Coalition. She then participates in the Public health Campaign for Heroin / Substance Abuse Taskforce. This taskforce has been a major piece of information for TCHD as we are learning how to deal with the ongoing drug/ heroin issues in the community.



COMMUNITY GARDENS

In 2015, we expanded to seven Community Sharing Gardens in the downtown area. This program brings FREE FRESH Vegetables to all community members, especially low-income families.



**Brown
St. &
Lincoln
Gardens**



**Straw Bales
Garden**



WIC

The Special Supplemental Nutrition Program for Women, Infants, and Children, or better known as WIC, is a federally funded nutrition program. WIC provides services to low-income pregnant, postpartum, and breastfeeding women, along with infants and children up to age five who are at health or nutritional risk.

WIC provides supplemental healthy foods, nutrition assessment and education, referrals to other health, family and social services, and breastfeeding support and promotion. WIC strives to help participants achieve a positive change in their dietary and physical activity habits. Indiana WIC has placed an emphasis on decreasing infant mortality, maternal smoking, and childhood obesity.



WIC SERVES NEARLY HALF OF ALL BABIES BORN IN TIPPECANOE COUNTY!

A peer counselor (PC) is a woman with personal breastfeeding experience that has a passion for helping mothers reach their breastfeeding goals. She provides mother-to-mother support and encouragement. PCs offer individual assistance and are available via phone or text outside of office hours.

Prenatal women on the WIC program are given evidence-based breastfeeding education and resources throughout the pregnancy and are encouraged to attend a breastfeeding class. Breastfeeding women receive support from IBCLCs and the peer counselors and may be eligible to receive breast pumps and additional aids to help support breastfeeding.

Goals for 2016:

- Improve outreach and communication within the community in an effort to increase referrals.
- Continue increasing breastfeeding initiation and duration rates.
- Decrease overweight and obesity rates in Tippecanoe County by improving physical activity education.

There are 2 clinic locations in Tippecanoe County

Locations: 1322 Tippecanoe St. Lafayette, IN 47904

(765) 420-9999

1400 W State St. West Lafayette, IN 47906

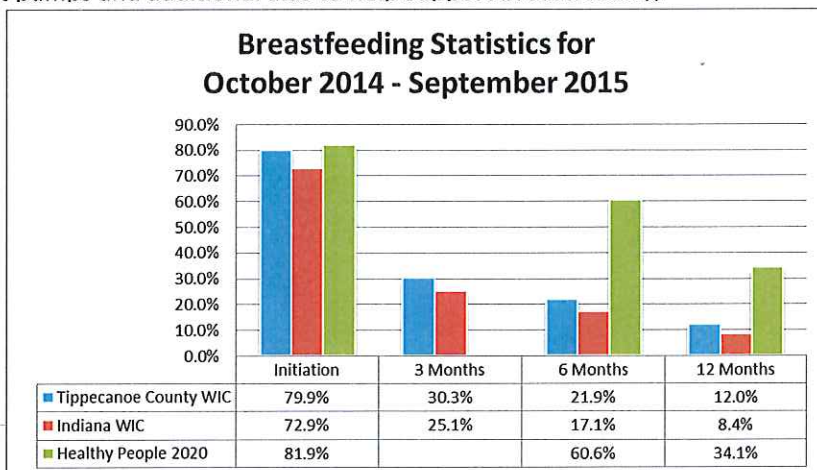
(765) 743-0068

The Tippecanoe County WIC Program staff includes:

- 4 Registered Dietitians
- 5 Nutritionists
- 3 Clinic Assistants
- 4 Peer Counselors

Of these 16 staff members 4 are also IBCLCs, International Board Certified Lactation Consultants.

Breastfeeding Statistics for October 2014 - September 2015



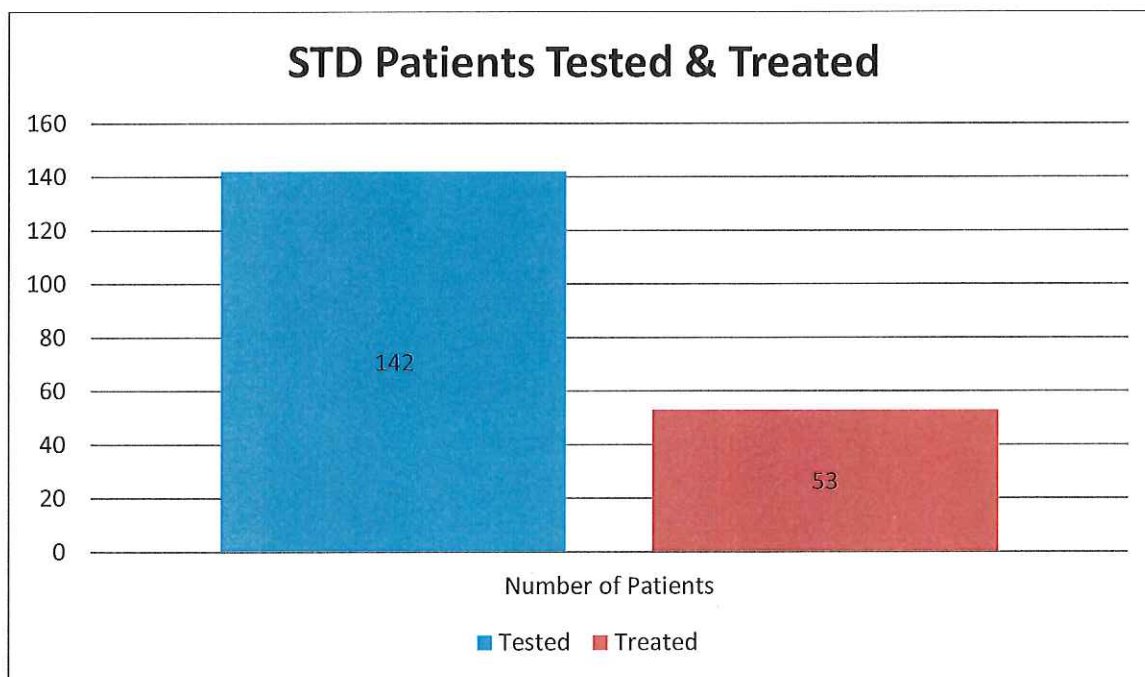
This year Indiana WIC will transition to electronic benefit transfer (EBT) instead of using paper checks at the grocery stores. Tippecanoe County is scheduled to make this exciting change in July 2016.

STD PROGRAM

In February, TCHD Nursing Division in collaboration with Indiana State Department of Health and Aspire began offering sexually transmitted testing and treatment to the community at no charge. This year we were able to test 142 people and treated 53 patients who came back with positive testing.

2016 Goals for STD Program:

- In 2016, TCHD is hoping to recruit a Disease Intervention Specialist from Indiana Department of Health who will be housed in our health department. This will allow us to offer HIV and Syphilis testing and



ACKNOWLEDGEMENTS

TIPPECANOE COUNTY COUNCIL

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John Basham, at large

Roland Winger, District 2

Andrew Gutwein, District 4

Bryan Metzger, at large

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David Byers, District 2

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Sharon McCracken, PHN

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Beth VanLaere, PHN

Jeannette Balaz, PHN

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Manager/Registrar

Ashley Shide, Registrar

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Nick Davis, Environmentalist

Amanda Balser, Bookkeeper/Secretary

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Ariel Endresen, Food Inspector

Emily Sutherland, Food Inspector

Patience McGruder, Food Inspector

Stacie Rees, Office Manager/Secretary

EMERGENCY PREPAREDNESS DIVISION

Ryan Tennessen

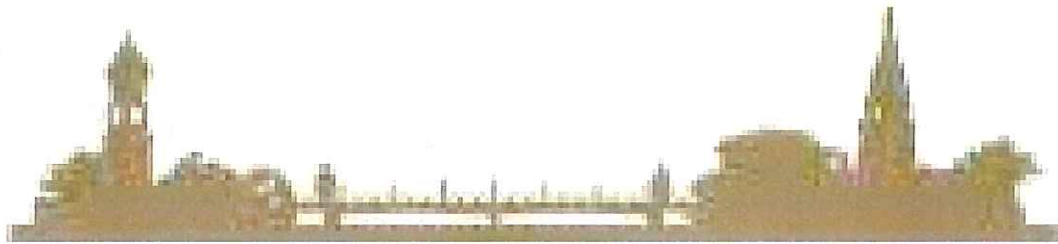
Hannah Shields

EPIDEMIOLOGY DIVISION

Pauline Shen, MBA, MPH

WOMAN, INFANT & CHILDREN DIVISION

Alicia Keen



TIPPECANOE COUNTY

HEALTH DEPARTMENT

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